

# THE DRIVEABILITY GUYS

Mobile Services for Repair Facilities and Training for Technicians

## INSTRUMENT CLUSTER, CIRCUIT BOARD AND MODULE REPAIR

### Repair Services:

*Instrument Clusters*

*Ford FICM's*

*PCM's*

*Climate Control Heads*

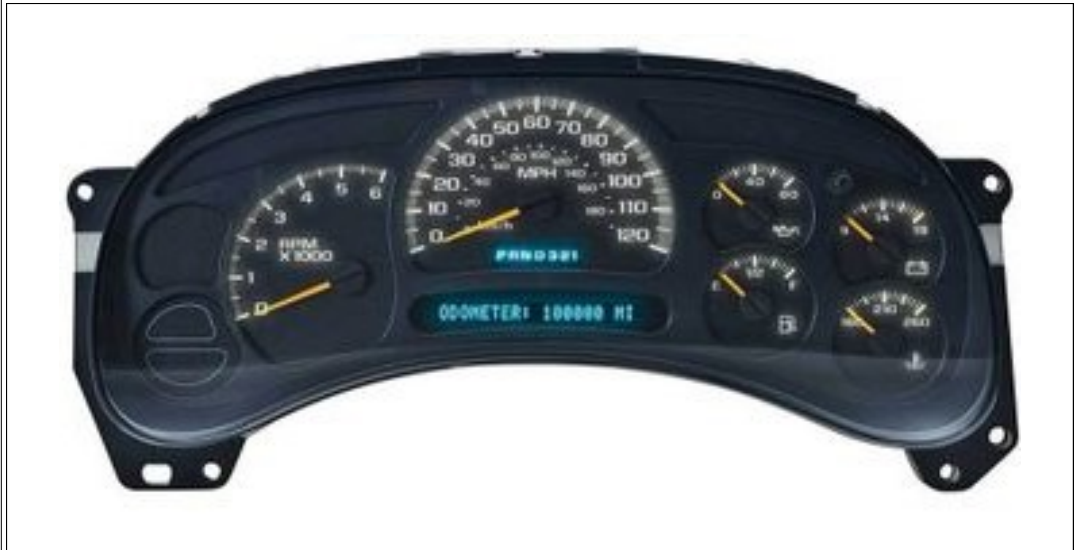
*Check our website-*

*We are always adding more.*

### TAKE NOTE:

- Repaired components usually require no programming.
- Repairing modules can be significantly cheaper than replacement.
- We stock parts for the most common issues to expedite turn around time.
- Check your application on our website, or contact us, before shipping your component.
- We are continuously adding more modules... check our website for details.

## INSTRUMENT CLUSTERS AND OTHER MODULES: REPLACE OR REPAIR?



### A large number of GM IPCs have many repairable issues.

Replacing a bad module can often be expensive. In addition, a new or used module often requires additional programming to complete the repair, adding even more expense. In some cases, a replacement component may no longer be available. Why not have your existing module repaired?

We have the equipment and stock the parts for the most common module repairs.

For example, there is a large list of GM IPCs that have gage issues, failing illumination and/or PRNDL/ODO faults. On these IPCs we go through the entire circuit board, replace all of the gage stepper

motors with updated parts, replace the illumination bulbs that are soldered to the circuit board and repair the PRNDL issue.

By repairing the existing cluster no additional programming is required.

Go to our circuit board repair page to see more details.

## FUEL INJECTOR CONTROL MODULES (FICM) FOR 6.0 LITER FORD POWER STROKES



Ford FICMs have issues that cause hard start, no start and misfire on their 6.0 liter diesel engines.

When these modules are purchased and replaced, programming the FICM is required and Ford recommends

reprogramming the PCM and TCM so that all calibration files are at the same level.

Repairing the FICM is less expensive than buying a new one and does not require any programming.

**THE DRIVEABILITY GUYS**

To see if we repair your application check our website:

[www.driveabilityguys.com](http://www.driveabilityguys.com)

or email

[scott@driveabilityguys.com](mailto:scott@driveabilityguys.com)

## BMW 323 328 E36 CLIMATE CONTROL HEADS



BMW 323 328 E36 chassis climate control modules can fail to power up and lose all functionality. They are very expensive to purchase, but can be repaired for \$100.

## NISSAN IDLE ISSUES AND P0505

2000–2001 Nissan Maximas may experience idle issues and set a P0505 trouble code due to a failed IACV that takes out the ECM.

These modules can be repaired for \$180. The shop will be required to replace the IACV to avoid damaging the repaired ECU.



**We're on the web!**

[www.driveabilityguys.com](http://www.driveabilityguys.com)

Fully Insured

Member of the



Vehicle Security Professional (VSP) Registry.

### IMPORTANT

Module repairs we perform are for the specific issues listed in our service information unless otherwise arranged ahead of time. If your shop diagnosis an issue incorrectly, we repair the module and the issue is not resolved, The Driveability Guys are not at fault and you will still be billed for the repair.

## TOYOTA/LEXUS "ALL KEYS LOST"



On some Toyota and Lexus vehicles when all of the ignition keys are lost ECM replacement is required because of the configuration of the immobilizer system. New ignition keys are also required. This repair can easily cost over \$1000.

We can wipe clean, or "virginize," the ECU so it thinks it is new again. We charge \$250 for this service and no programming will be required.

The shop will need to obtain new keys for the vehicle. The keys will self learn on the first key cycle so no special tools are required.

This service can also be performed on used ECMs before installation.

## CHECK OUR WEBSITE FOR YOUR APPLICATION

We are continuously adding applications to our circuit board repair services. Go to our website: [www.driveabilityguys.com](http://www.driveabilityguys.com) and click on "Circuit Board Repair" to check your application.

Each option will include instructions and pricing for each individual repair.

Or email [scott@driveabilityguys.com](mailto:scott@driveabilityguys.com) with questions.